

BSTRACT OF THE DISCLOSURE

A thermal conductive polymer molded article is formed by molding a thermotropic liquid crystalline composition

5 comprised mainly of a thermotropic liquid crystalline polymer, wherein the thermal conductive polymer molded article is formed by applying a magnetic field or an electric field to the thermotropic liquid crystalline composition melted by heating so that the thermal conductive

10 polymer molded article has a first thermal conductivity (λ_1) higher than a second thermal conductivity (λ_2) of a molded article formed by molding the thermotropic liquid crystalline polymer without the application of the field.

The thermal conductive polymer molded article preferably has

15 a first thermal conductivity (λ_1) of between 0.7 and 20 W/(m·K). Preferably, the thermotropic liquid crystalline polymer comprises at least one polymer selected from (A) a wholly aromatic polyester and (B) a wholly aromatic polyester amide.